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Title: Reply to LS on "Handling of ICMP messages by 3GPP SIP Implementations"

Source: TSG SA WG3

To: TSG CN WG1

cc:

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Handling of ICMP messages by 3GPP SIP Implementations

SA WG3 thanks CN WG1 for the LS (N1-010892) requesting information about our "Network Domain Security; IP network layer security" (NDS/IP) architecture.

In the LS CN WG1 is requesting the guidance from the SA WG3 pertaining to handling of the ICMP messages in 3GPP SIP implementations. The question posed was: "Should the 3GPP SIP implementation handle the ICMP messages as recommended in RFC 2543, or should they be ignored by the 3GPP SIP implementation?"

SA WG3 find it hard to answer that question directly, but we can confirm that our NDS/IP architecture for the core network does not provide any support for protecting ICMP messages. Furthermore, we have no plans to cover ICMP in the future.

We would therefore advice CN WG1 to expect ICMP messages **not** to be security protected for 3GPP SIP implementations.

SA WG3 hopes that this answer is sufficient for CN WG1 to reach a conclusion on the issue. Should further clarifications on this or other subjects be needed please do not hesitate to contact us again.